1 2 3 4 5 6 7 8	DENNIS J. HERRERA, State Bar #139669 City Attorney WAYNE SNODGRASS, State Bar #148137 FRANCESCA GESSNER, State Bar #247553 TARA M. STEELEY, State Bar #231775 Deputy City Attorneys 1 Dr. Carlton B. Goodlett Place City Hall, Room 234 San Francisco, California 94102-4682 Telephone: (415) 554-4762 Facsimile: (415) 554-4699 E-Mail: francesca.gessner@sfgov.org Attorneys for Defendant CITY AND COUNTY OF SAN FRANCISCO	·	
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10 11	UNITED STAT	TES DISTRICT COUR	Γ
12	NORTHERN DIS	TRICT OF CALIFOR	NIA
13	CALIFORNIA RESTAURANT	Case No. C08-3247	CW
14	ASSOCIATION, Plaintiff,	DECLARATION RASSETT MD M	OF MARY T. IPH, IN SUPPORT OF
15	vs.		D'S OPPOSITION TO
16	THE CITY AND COUNTY OF SAN	DECLARATORY PRELIMINARY	RELIEF AND A
	FRANCISCO AND THE SAN	Hearing Date:	Sept. 4, 2008
17	FRANCISCO DEPARTMENT OF		
18	PUBLIC HEALTH,	Time: Place:	2 p.m. Ctrm 2, 4th Floor
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16	FRANCISCO AND THE SAN	PRELIMINARY	INJUNCTION Sept. 4, 2008

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Mary T. Bassett MD, MPH, hereby declares under penalty of perjury:

- 1. I am Deputy Commissioner of Health Promotion and Disease Prevention at the Department of Health and Mental Hygiene (the "Department") of the City of New York. I have held this position since 2002. My *curriculum vitae* is attached to this declaration as Exhibit 1. I have over 20 years of experience in public health, ranging from community work to health services research, teaching, development of law and policy and advocacy. As such, I have overseen the implementation and evaluation of Health Code § 81.50, which mandates that chain restaurants in New York City disclose calorie information. I am submitting this declaration in opposition to the motion by the California Restaurant Association to enjoin the San Francisco Department of Health from enforcing Ordinance 40-8.
- 2. The New York City Department of Health and Mental Hygiene proposed that the New York City Board of Health enact Health Code § 81.50 as part of the City of New York's response to the obesity epidemic, which led to more than a 70% increase in the prevalence of obesity in New York City between 1994 and 2004 and a more than twofold increase in diabetes since 1993. The purpose of Health Code § 81.50 is to inform consumer choice by giving consumers in chain restaurants access to calorie information at the time they are making their food and beverage choices. Prior to its adoption, consumers at New York City chain restaurants did not have access to such information at point of purchase and extensive evidence demonstrates that consumers, and even nutrition experts, grossly underestimate the calorie content of food. 3.4.5.6.7.8 Consumers lacked tools to

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¹ NYC DOHMH. Community Health Survey. http://query1.health.nycnet/query/. Accessed February 7, 2008.

² Thorpe LE, Mostashari F, Berger DK, Cobb LK, Helgerson SD, Frieden TR. Diabetes is Epidemic. *NYC Vital Signs* NYCDOHMH. 2003:2(1).

³ Wansink B, Chandon P. Meal size, not body size, explains errors in estimating the calorie contents of meals. Ann Int Med 2006; 145: 326-332.

⁴ Chandon P, Wansink B. The biasing health halos of fast-food restaurant health claims: lower calorie estimates and higher side-dish consumption intentions. Journal of Consumer Research 2007; 34:301-314.

⁵ Young LR, Nestle M. Portion sizes and obesity: Responses of fast-food companies. Journal of Public Health Policy 2007; 28:238-248.

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make informed decisions about their food choices that would help them avoid the unhealthy weight gain that fuels the twin epidemics of obesity and diabetes.

3. Health Code § 81.50 was adopted in its current form by the Board of Health in January 2008. It requires any restaurant that is one of "a group of fifteen or more food service establishments" doing business nationally, and offering for sale substantially the same menu items" to post calorie information on its menus and menu boards. Health Code § 81.50 was to have become effective on March 31, 2008, but the New York State Restaurant Association ("NYSRA") brought a lawsuit challenging it on grounds similar to those raised in this lawsuit by the California Restaurant Association, and the City of New York agreed to delay its enforcement of Health Code § 81.50 until April 21, 2008. On April 16, 2008, United States District Judge Richard Holwell issued a decision ruling against the NYSRA, and on April 18, 2008 he denied the NYSRA's application for a temporary injunction. The NYSRA appealed to the Second Circuit Court of Appeals. On April 29, 2008, that Court denied the NYSRA's motion for a stay of enforcement pending appeal conditioned on the City of New York agreeing that, while it would enforce Health Code § 81.50 in the interim, it would not seek monetary fines against non-compliant restaurants through July 18, 2008. The appeal was argued on June 12, 2008 and is sub judice. On June 16, 2008, the Second Circuit denied NYSRA's motion to extend the "no fine" period beyond July 18, 2008. On July 19, 2008, the City of New York began seeking monetary fines for violations of Health Code § 81.50.

The New York City experience provides several key lessons:

- Posting of calories should be prominent and at the point of purchase.
- Posting of calories by chain restaurants on menus and menu boards is feasible
- Posting of calories is positively received by consumers

(footnote continued from previous page)

- ⁶ J. Backstrand, et al., Fat Chance Washington, DC: Center for Science in the Public Interest, 1997.
- ⁷ Field Research Corporation telephone survey of 523 registered California votes, conducted March 20 31, 2007. Accessed October 11, 2007 at http://www.publichealthadvocacy.org/menulabelingpoll.html
- ⁸ Burton S. Creyer EH. et al. Attacking the obesity epidemic: the potential health benefits of providing nutrition information in restaurants. American Journal of Public Health. 2006; 96(9):1669-1675.

Posting of calories leads to more informed choice by consumers

Posting of calories is associated with an increase in healthy offerings by restaurants
 In this declaration I will briefly address each of these points.

4. Posting of calories should be prominent and at the point of purchase

A survey of NYC chain restaurants, conducted by the Department prior to the Health Code § 81.50, showed that with the exception of one chain, less than 5% of customers saw *any* calorie information while purchasing their selections. The exception was Subway, where some calorie information was posted on the display case near the cash register. Nearly one third of Subway customers saw the calorie information so placed. These data suggest that to assure that calorie posting is sufficiently prominent to be observed by patrons, information must be placed near the point of purchase. Various chain restaurants echoed the importance of the menu board as the most important source of consumer information in the restaurant, referring to it as "prime real estate." Other strategies, such as placing calorie information in brochures, on tray liners, on food wrappings, etc. simply were not observed by the vast majority of consumers.

5. Posting of calories by chain restaurants on menus and menu boards is feasible

Nothing more clearly shows the feasibility of calorie posting than a walk around New York City. The majority of food service establishments covered by Health Code § 81.50 have posted calories, although a number of chains did not post until July 18, 2008, which was the day before the City of New York began to seek fines against restaurants that failed to post. Chains that are currently posting calories in New York City include at least:

- McDonald's
- Burger King
- Pizza Hut
- Dunkin Donuts
- Starbucks
- Subway
- Quiznos
- Chipotle
- Cosi
- Cheesecake Factory
- Hale and Hearty
- Pret a Manger
- Jamba Juice
- Au Bon Pain
- Clearview Cinemas
- Nathans

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Auntie Anne's

- Tasti D Lite
- Dunkin' Donuts
- Baskin Robbins

During the public comment period, a number of chains insisted that implementation of the rule would be difficult or impossible. But, contrary to these claims, menu boards in New York City now have calorie information. Restaurants have used a wide range of formats to present the information, generally preserving the basic styles of their menus. As of July 21, 2008, the Department has consulted with 74 restaurant chains about how to post their information in full compliance with the rule. In general, the designs submitted by these restaurant chains have demonstrated a wide variety of attractive menu formats that continue to effectively present their menu items, while also clearly communicating calorie information to consumers. Photos of menus from chains which are currently posting in NYC and which have sought to comply with the law are attached as Exhibit 2.

6. Calorie labeling is widely supported by consumers and health organizations

When its adoption was being considered by the Board of Health, support for Health Code § 81.50 came from a wide range of community and health organizations, including the American Diabetes Association, the American Cancer Society, and the American Academy of Pediatrics, among others. In response to the lawsuits brought by the NYSRA, supportive amicus briefs were submitted by the American Medical Association, the American Public Health Association, and the American Diabetes Association, among others.

Consumer polls have shown increasing support for calorie labeling in restaurants. In 2003, 74% reported being in favor of calorie labeling. By 2004, 80% of those polled were in favor of this type of intervention.⁹

Since implementation, New York City press reports demonstrate a positive consumer response, with frequent reports of "sticker shock" at the calorie content of many items. AM New York, a free local morning paper reported on July 7, 2008, "I go for the low-fat coffee cake instead of

⁹ Brownell, K.D. (2005). The chronicling obesity: Growing awareness of its social, economic, and political contexts. *Journal of Health* Politics, *Policy and Law*, 30, 955-964

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the regular cake, and it's a difference of like 150 calories,' said Robb Martinez, 38, of Williamsburg, of his usual Starbucks order." A full copy of the July 7, 2008 AM New York article "Hard to Stomach: Fast-food calorie listings are changing what New Yorkers eat" is attached as Exhibit 3.

Posting calorie information at the point of purchase has been associated with 7. changes in menu items, with reformulation to make offerings healthier

There are three potential benefits of calorie posting. First, some consumers will use information to select lower calorie menu items. Second, irrespective of their selections, consumers will simply be better informed about the foods they are purchasing. Third, disclosure of calorie information at the point of purchase will prompt chains to reformulate both the portion size and calorie content of their offerings.

Recent changes in restaurant offerings suggest that the introduction of calorie labeling has spurred introduction of lower calories options, likely in response to mandated calorie labeling and enhanced consumer demand for such selections. These include both the addition of new, lower calorie menu items, and the reformulation of existing items, as shown in Table 1.

Table 1: Menu Additions - Examples of new, healthier options introduced since 3/2007*

Food Type	Healthier Option
Sandwich	 Quizno's Small flatbread sandwiches called "Sammies" has two 200 calorie options Au Bon Pain "Eat Better – Portions" menu includes small servings of fruit, nuts, vegetables, etc. that are 70-200 calories each (e.g. chickpea and tomato salad; cheese, fruit and crackers)
Coffee	Starbucks • Addition of smaller, "Short" size (8 oz) "Skinny Latte" made from skim milk and sugar-free syrup promoted
Ice Cream	 Carvel Specialty blended coffees available in light option "Artic Blender" ice cream drink available in light option

^{*}Information from online company nutritional guides accessed March 2007 and June 2008.

Further, nutrition information provided on company websites posted in March 2007 (before calorie posting) compared with information posted in June 2008 (when the implementation had begun) shows a number of items now have lower calorie content (Table 2). These changes were not DECLARATION OF MARY T. BASSETT MD, MPH 5 c:\documents and settings\tmerrill\local settings\temporary internet files\olk1e8\00500190.doc CASE NO. C08-3247 CW

 announced by companies and apparently went unnoticed by the public, but will help contribute to reduced population caloric intake. For example, a consumer who has a doughnut for breakfast and a chicken sandwich with french fries for lunch, could purchase 250 fewer calories – perhaps enough to keep weight stable versus gaining more added pounds. Such small changes are important. A 200 calorie per day increase in intake over the past decades is sufficient to account for the obesity epidemic.¹⁰

Table 2: Examples of reformulations of chain restaurant food before (March 2007) and after (June 2008) the calorie posting requirement in New York City^{1,2}

1 3 1	Calories			
Brand and Item Name	March- 2007	June- 2008	Change	% Change
Au Bon Pain			J	
Hot chocolate (large)	670	600	-70	-10.4
Hot chocolate (small)	410	350	-60	-14.6
Dunkin' Donuts				
Glazed cake stick	490	360	-130	-26.5
Plain cake stick	420	310	-110	-26.2
Glazed chocolate cake stick	470	370	-100	-21.3
Plain croissant	330	270	-60	-18.2
Kentucky Fried Chicken				
Boneless fiery buffalo wings	530	420	-110	-20.8
Sweet & spicy wings	460	400	-60	-13.0
Tender roast sandwich (w/ sauce)	430	380	-50	-11.6
McDonalds				
French fries (large)	570	500	-70	-12.3
Grilled chicken ranch BLT sandwich	520	470	-50	-9.6
Starbucks				
Blueberry muffin	400	320	-80	-20.0
Crispy square	450	440	-10	-2.2
Taco Bell				
Southwest steak border bowl	690	600	-90	-13.0
Wendy's				
Chicken club	650	540	-110	-16.9
Crispy chicken sandwich	380	330	-50	-13.2
Jr cheeseburger deluxe	360	300	-60	-16.7
Jr hamburger	280	230	-50	-17.9
Information from online company nutritional guides acc	essed March	2007 and I	me 2008	

¹ Information from online company nutritional guides accessed March 2007 and June 2008.

² Some restaurants also launched new higher calorie products during the same time period such as Wendy's "Baconator" (which contains 840 calories)

¹⁰ Nielsen SJ, Siega-Riz AM, Popkin BM. Trends in energy intake in the United States between 1977-1996: Similar shifts seen across all age groups. Obesity Research 10:370-378 (2002)

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Press reports also support the conclusion that chains are reformulating to achieve lower calorie counts: "In the fall we will be offering an expanded line of nutritional menu options," AM New York quoted Starbucks as having informed them.¹¹ See Exh. 3.

These trends were also noted in a recent article in the Wall Street Journal, which reported:

Some restaurants have had their own sticker shock and started offering lighter options. Così had a nutritionist look for ways to save on every item. Switching to low-fat mayo brought the Così Club from nearly 800 calories to 447. Così's popular Signature Salad (with gorgonzola, grapes, pears, pistachios, dried cranberries and roasted sherry shallot vinaigrette) goes from 611 calories to 371 with reduced-fat dressing and half the cheese. 'Having to post this information in New York really focused us on paying attention as well,' says Chris Carroll, the chain's chief marketing officer. 12

A full copy of the July 29, 2008 Wall Street Journal article "On the table: the Calories Lurking in Restaurant Food" is attached as Exhibit 4.

8. Calorie labeling is leading consumers to make more informed, healthier choices

In the Department study cited earlier, conducted prior to the implementation of Health Code § 81.50, Subway patrons were much more likely to see calorie information than those at other chains. In addition, Subway customers who saw the calorie information purchased 52 fewer calories than those who did not. The full report, which will be published in print format in the *American Journal of Public Health* in August 2008, is attached as Exhibit 5.

Anecdotally, press reports cite "employees at Dunkin Donuts and Starbucks in Park Slope saying they have noticed changes in their customers eating habits." ¹³

9. Conclusion

Experience since Health Code § 81.50 took effect confirms that calorie labeling is feasible. Food service establishments have added calorie information to their menus and menu boards in a

¹¹ Marlene Naanes and Rebecca Wolfson, "Hard to Stomach: Fast Food Calorie Listings Are Changing What New Yorkers Eat," *AM New York*, July 7, 2008.

¹² Melinda Beck, "On the Table: the Calories Lurking in Restaurant Food," *The Wall Street Journal*, July 29, 2008. Accessed online July 29, 2008 from http://online.wsj.com/public/article-print/SB121728720696791385.html

¹³ Marlene Naanes and Rebecca Wolfson, "Hard to Stomach: Fast Food Calorie Listings Are Changing What New Yorkers Eat," *AM New York*, July 7, 2008.

wide variety of attractive and clear graphic formats, maintaining the diverse styles already used by chains to communicate their menu offerings. The public response and preliminary information we have obtained on restaurant menu items suggest that this measure will contribute to reducing caloric intake at chain establishments because of changes in consumer selections, modified menu offerings, or both. Calorie posting is therefore likely to help to address the nation's severe obesity epidemic, the largest cause of preventable death after smoking. Ongoing monitoring and evaluation in New York, as well as other cities that adopt similar rules, will help to further assess its impact.

I declare under penalty of perjury, pursuant to U.S.C. § 1746, that the foregoing is true and correct.

Executed on July 30, 2008, at New York, N.Y.

MARY T. BASSETT MD, MPH

¹⁴ Ali H. Mokdad, PhD; James S. Marks, MD, MPH; Donna F. Stroup, PhD, MSc; Julie L. Gerberding, MD, MPH. Actual Causes of Death in the United States, 2000. JAMA. 2004;291:1238-1245.

EXHIBIT 1

CURRICULUM VITAE

Date of preparation

July 2008

Personal Data

Name:

Birthdate: Birthplace:

Citizenship: Address:

Mary Travis Bassett

November 12, 1952

Columbus, Ohio

United States Citizen 96 Park Terrace West New York, NY 10034

Tel: 212-788-5323 (work)

212-569-0213 (home)

Fax: 212-788-5337 (work)

E-mail: marytravisbassett@yahoo.com (personal)

mbassett@health.nyc.gov (work)

Academic Training

1974 A.B., cum laude, History and Science, Radeliffe College

Boston, Massachusetts

1979 M.D., Columbia College of Physicians and Surgeons

New York, New York

1983 Diplomate, American Board of Internal Medicine

Candidate 089171

1985 M.P.H., University of Washington

Seattle, Washington

Traineeships

1979-1982 Residency Training, Internal Medicine

Harlem Hospital Center New York, New York

1982-1983 Chief Resident, Department of Medicine

Harlem Hospital Center New York, New York

1983-1985 Robert Wood Johnson Clinical Scholar

University of Washington

Seattle, Washington

Professional Organizations and Societies

Member Member

American Public Health Association International Epidemiology Association

Member

American Epidemiology Association

International Editor

American Journal of Public Health (2000-2002)

Associate Editor

American Journal of Public Health (2002- present)

Academic Appointments/Employment

2002-present

Deputy Commissioner, Health Promotion & Disease Prevention

NYC Department of Health and Mental Hygiene

New York, New York

1985-2005

Department of Community Medicine

University of Zimbabwe

Harare, Zimbabwe

1985-1991 Lecturer

1992-2000 Senior Lecturer (on leave 1987-88, 1995-97)

2000-2005 Associate Professor

1995- present

Associate Professor, Clinical Public Health and Clinical Medicine

Columbia University, College of Physicians and Surgeons (on

leave)

2001-2002

Associate Director, Health Equity

Rockefeller Foundation Southern Africa Office

1997-2001

Research Associate, Department of Medicine

Stanford University Medical Center

1995-1997

Director, Harlem Center for Health Promotion and Disease

Prevention

Columbia School of Public Health

New York, New York

1987-1988

Attending Physician, Department of Medicine

Harlem Hospital Center New York, New York

1983-1985

Robert Wood Johnson Clinical Scholar

University of Washington

Seattle, Washington

Honors

1974 Ames Award for "Courage and Leadership" Harvard-Radcliffe College

1979 Franklin McLean Award for "Best Graduating Black Medical Student"

Consultancy Work

January 1992 Review of water and sanitation related diseases in Zimbabwe. Commissioned by the World Bank, funded by UNICEF.

August 1992 Evaluation of Village Community Worker Program in Zimbabwe, Commissioned by UNICEF.

June-July 1997 Team member, Assessment of Malawi AIDS Control Program World Bank.

Nov. '97- March '98 Assessment of the impact of the Family Health Project in collaboration with the Ministry of Health, World Bank.

May-December 2000 Team member, AIDS Exploration, Rockefeller Foundation.

Fellowship and Grant Support

August 1994 -

December 1995

January 1992 –94 Preparation for evaluation of AIDS vaccine (PAVE) funded by National Institutes of Health. Co-Investigator. "Impact of structural adjustment on health in an urban and a rural March 1992 -February 1994 area of Zimbabwe", funded by Scandinavian Institute for African Studies. Co-Principal Investigator. "Women and AIDS in Zimbabwe: An Ethnographic Study" April 1992 -December 1994 International Center for Research on Women, Washington, D C "User acceptability of the female condom in Zimbabwe" January 1993 -January 1994 awarded by World Health Organization, Special Programme of Research Development and Research Training in Human Reproduction. Principal Investigator. April 1994 -"Adolescents' AIDS Prevention". Ford Foundation. Principal March 1996 Investigator.

"User acceptability of over-the-counter vaginal preparations" Population Council. Multicentre study; Zimbabwe Principal

Investigator.

November1997- 200	O University of Zimbabwe Principal Investigator and programme director Zimbabwe AIDS Prevention Project (ZAPP), a HIVNET (NIH) site.
August 1999- September 2001	Cost sharing for peer education in workplace-based AIDS prevention. Supported by the Royal Netherlands Embassy, Harare. Principal Investigator.
August 1999- September 2001	Factory based AIDS Prevention (FWAPP). Supported by AusAID in collaboration with Australian Overseas Volunteers.
December 1999- January 2002	Use of Lay Volunteers in HIV Counselling and Testing among among Antenatal Women in Chitungwiza. Supported by Swedish International Development Agency (SIDA) and National Institute of Health, USA. Principal Investigator.
April 1999- March 2003	Targeted Epidemiological Treatment vs. General Population Approaches to STD/HIV prevention. Supported by USAID under the The Horizons programme. Co-Principal Investigator.

Publications

Original, peer-reviewed articles

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"Social and Economic Determinants of Vulnerability to HIV Infection." VIIIth International Conference on AIDS, Berlin, Germany. June 7-11, 1993. Plenary presentation.

"Enabling strategies in HIV prevention: Experience from Zimbabwe." Global Program on AIDS, World Health Organization, Geneva, Switzerland. September 1993.

"Strategies for Preserving Breast Feeding." Social Science Track D Plenary, 12th International Conference on AIDS, Geneva, Switzerland. June 30, 1998.

"Public Health Crisis in Africa: AIDS and economic reform." Plenary presentation. Health and Society in African, Berkeley -Stanford Joint Center. April 24, 1999.

"User and Community Perspectives of Microbicide/Spermicides" Plenary presentation. Proceedings of the 10th World Congress on Human Reproduction, Salvador, Brazil May 4-8, 1999

Edited by Coutinho E M and Spinola P Department of Gynecology, Obstetrics and Human Reproduction. Faculty of Medicine, Federal University of Bahia Brazil.

"Psychosocial and Community Perspectives on Alternatives to Breastfeeding." Plenary presentation. Global Strategies for Prevention of HIV transmission from Mother to Infant, Montreal, Canada September 3, 1999.

"Impact of Structural Adjustment on Urban and Rural Households in Zimbabwe." Plenary presentation. Epidemiology Association of Southern Africa (ESSA) Annual meeting East London, South Africa. February 2000.

Debate: "Does Structural Adjustment fuel the AIDS epidemic?" XIIIth International Conference on HIV/AIDS Durban South Africa. July 2000.

"Voluntary Counseling and Testing. Optimizing the impact." Plenary presentation. Third annual meeting, Global Strategies for Prevention of HIV transmission from Mother to Infant, Kampala Uganda. September 9, 2001.

"Implementing Multi-level Interventions: Challenges for Health Department". 2nd. International Conference on Urban Health. New York Academy of Medicine. October 18, 2003.

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EXHIBIT 2



Original Pretzel | 370 cals _____ Specialty Pretzels _ Almond | 400 cals Cinnamon Sugar | 450 cals Glazin' Raisin® | 510 Garlic | 350 cals Jalapeño | 310 cals Sour Cream & Onio Sesame | 410 cals Whole Wheat | 370 cals Original Pretzel Stix | 370 cals Cinnamon Sugar Pretzel Stix | 450 cals Pretzel Dog | 290 cals Dips_ Cheese | 100 cals Hot Salsa Cheese | 100 cals Sweet Mustard | 6 Caramel | 135 cals Marinara | 10 cals **Light Cream Chees** Sweet Glaze | 40 cals



T-Bone Steak & Eggs
A mouthwatering, USDA Select steak served with three eggs and three buttermilk pancakes 14.99

*Country Fried Steak & Eggs
Tender beef, dipped in batter and fried to a golden brown then
smothered in sausage gravy. Served with three eggs and three
(1.230 Cal)

'Five Star Breakfast

Two eggs, two French toast triangles, five silver dollar pancakes, two bacon strips and two pork sausage links 8.99

Egg substitute or egg whites are available upon request for an additional .99 (Save 40-50 Cat. per egg)

Classic Combos



Smokehouse Combo

NEW! Smokehouse Combo

Two smoked sausage tinks served with two eggs, hash browns and two butermilk pancakes 8.59 (1290 Cat.)

*Three Eggs & Pancakes

e eggs served with three fliffly buttermilk pantakes (700 Cal.) 6.59 Or with your choice of meat below.

Grilled Ha 29 (Add 120 Cal.) Turkey Bacon Strips 8, 19 (Add 200 Cal.) Bacon Strips 729 (Add 270 Cal.) Savory Beef Sausage 8.19 (Add 520 Cal.)

Pork Sausage Links 7.29 (Add 340 Cat.) Turkey Sausage 8.19 (Add 200 Cat.)

Two x Two x Two

Two eggs with two buttermilk paricakes and two bacon strips ur two pork sausage links 6.99 (650-690 Cat.)

'Pork Chops & Eggs
Two gritted center-cut pork chops served with three eggs and three buttermilk pancakes 11,59 (1100 Cat.)

*Corned Beef Hash & Eggs

Home-style corned beel hash, three eggs and three butternili pancakes 8.49 (950 Cal.)

Sirloin Tips & Eggs
Grifled, tender, juicy, marinated USDA Select sirloin
tips with grifled onions and mushrooms. Served
with two eggs, trasti browns and two buttermilk
parcakes 12.99 (1230 Cat.)

"Quick Two-Egg Breakfast

Two eggs, two bacon strips or two savory pork sausage links, phrs hash browns and toast 7.59 (930-970 Cat.)

Substitute beef sausage, turkey sausage or turkey bacon for an additional 1.25 (50-260 Cal. each piece)

trench Toast & Waffles

Strawberry Banana

Strawberry Banana
French Toast
Sn. French toast transfes topped with coal
Strawberry, tesh banana and whipped
1599 (54)

Vive La French Toas!

Vive La French Toas!

Three thick skees, served with one egg
and two baron steps or two pork sausage
Links 7, 49

Rabin - William Call)

Rabin - William Call

1090-1130 Cal.)

Belgian Waffle
A light and crispy delight 6.29

(430 Cal.)

Cowned with cool strawberry or your choice
of fruit compose and whipped topping 6.99

French Toast

Six fluffy mangle-shaped slices, dusted with powdered sugar 6.59 (760 Cat.)

Stuffed French Toast Combo

Granamon raism French toast stuffed with sweet cleam cheese hiting, topped with cool strawberry or your choice of fruir compore and whipped topping. Served with two eggs, hash browns, two bacon strips of two pork sausage links 8.99 (1150-1260 Cat.)

Chnnamon Swirl French Toast Combo Two sires of cinnamon rolt, gnited French loasts the Served with two eggs, two bacon strips or two pork sausage links and hash browns 8.99 (1200-1240 Cat.) *5355 Stake and hamburgers can be cooked to order. Consuming raw or and





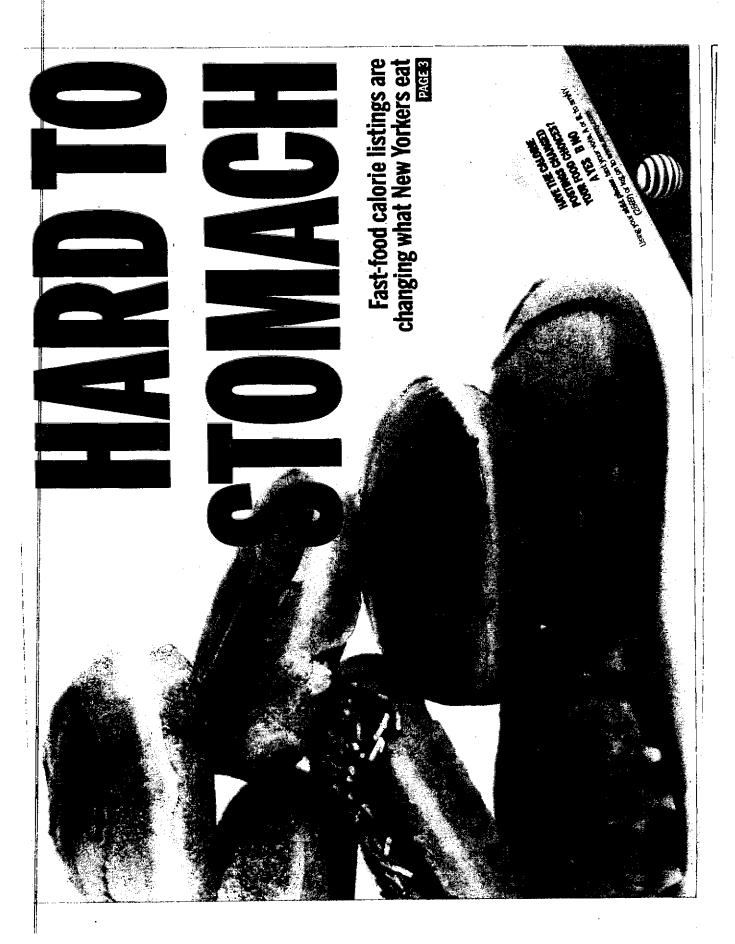








EXHIBIT 3



A sampling of the calories

ADD IT UP

M Durnida' Docuts

Wheat doughnut: 220

Reduced-fat blueberry

Coffee cake: 580

muffin: 400 Starbecks lall caramet

Jelly doughnut: 270

doughnut: 270

Boston Kreme

Black Forest Ham, egg, cheddar sandwich: 380

Marble loaf: 450

Hebonahi's Big Nac. 540

Tall green tear 370 fall Chai tea: 340

Macchiato: 180

540: NUMBER OF CALORIES IN A BIG MAC

Etitor: Ryan Chatelain (ryan.chatelainis am-ny.com)

HONDAY, JULY 7, 2008

ood for thought on men

eating habits New calorie counts alter

and Babecca Wolfson mnaanes@am-ny.com By Mariene Mannes

Two months after many rants began posting the food, customers are shying laden favorites and opting number of calories in their New York chain restau away from their caloriefor lighter fare.

38, of Williamsburg, of his go for the low-fat coffee cake instead of the regular cake, and it's a difference of like 150 calo ries," said Robb Martinez,

Another Starbucks egular was shocked into changing his daily order from a scone to a reducedfat breekfast sandwich. usual Starbucks order.

on it, it's less calories," said Mark Hamstra, 45, of the All New York City restaurants with 15 or more branches were forced to post calories on their menu boards beginning fail to comply will be fined May 5. Restaurants that Upper East Side,

Restaurants with 15 or more city locations that don't post calorie counts by July 18 could be fined as much as \$2,000.

Danie R. (4)

Whopper without mayor

Burger King

and introduced sugar-free syrups in products such as in an e-mailad statement. Also, it recently converted its core milk to two-percent

Chips and salse: 585-670

Burrito bowl: 130-628

Güzcamole: 140

Margarita: 96

Capote

accs: 310-560

6-inch Veggie Delite: 265 6-inch turkey breast: 315

6-inch roasted chicken

breast: 345

tions," the company wrote

a Burger King spokesman said the company is still fighting the regulations. However, officials at the city's Department of Health said last week that the rules an appeal are futile. A feddeclined to comment, but are final and any hopes of eral appeals court is still reviewing the matter.

Officials at McDonald's Skinny Lattes. - A Starbucks employee on menu calorie counts who thinks the company would not say how the list-"It's a blg topic of conver said a Starbucks employee, needs to come up with ings have impacted sales. sation [among customers], it's a big topic of converation [among customers].

between \$200 and \$2,000 during inspections after

the breakfast sandwich has

"The scone is over 400 calories ... and even though bacon and cheese and eggs

as we revise our food op they have noticed a change in their customers' eating ers spoke on condition of anonymity because they Employees at Dunkin' cations in Perk Slope said habits, leading to a drop in the sale of pastries. Workment. Company officials Donuts and Starbucks loare not authorized to com-

offering an expanded line "In the fall, we will begin of nutritional menu items In fact, Starbucks is dohealthier alternatives ing just that.

since they don't epply to Dunkin' Donuts is among pliance cltywide, however reluctantly. A spokesman for the company wrote in an e-mail that the company considered the rules unfair he shops falling into comall restaurants.

EXHIBIT 4



July 29, 2008

HEALTH JOURNAL By MELINDA BECK



On the Table: the Calories Lurking in Restaurant Food

July 29, 2008; Page D1

It's no mystery why Americans are getting fatter. We're expending less energy to work, play, travel and acquire food. And we're taking more calories in.

And how!

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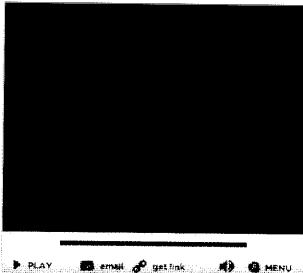
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New York City's recent law requiring chain restaurants to post calorie counts on menus has revealed some intriguing -- and appalling -- information. Some observations:

How Bad Is It?



A new law is forcing New York City restaurant franchises to post calone counts on their menus. To gauge New Yorker reaction, WSJ's Matt Rivera hits the streets.

Studies have shown that even dietitians often underestimate how many calories dishes contain, and no wonder. Applebee's Fiesta Lime Chicken packs 1,290 calories. Pizzeria Uno's Individual Chicago Classic (serves one) has 2,310. Who could eat another bite after an appetizer like T.G.I. Friday's Jack Daniel's Sampler at 2,330? Bear in mind that to maintain their present weight, most men should consume from 2,000 to 2,500 calories a day; most women from 1,500 to 1,800, depending on activity level and size.

But It Sounds So Healthy ...

Salads come so embellished these days they may as well be dessert. The Pecan-Coated Chicken Salad at T.G.1. Friday's (garnished with mandarin oranges, dried cranberries, glazed pecans, celery and blue cheese) is 1,360

calories. California Pizza Kitchen's Grilled Vegetable Salad is 1,020, or 1,490 with sautéed salmon.

Sandwiches can be a caloric bargain in comparison. At Shea Stadium's Metropolitan Club, the

Grilled Chicken Caesar Salad is 807 calories; the Grilled Chicken Sandwich is 340. As veteran dieters know, dressing sends salads to the moon, calorically. Some menus helpfully point out options: Uno's honey mustard has 300 per serving; its fat-free vinaigrette has only 30. Friday's Balsamic Vinaigrette is 590. (Better yet, bring your own dressing "mist," available in a variety of flavors in grocery stores for 2 calories a spray.)

Everything's Relative

1

Surprisingly, one of the lowest-calorie options on some menus is the unadorned sirloin steak. The nine-ounce sirloin at Applebee's is 310 calories. The 10-ounce at Friday's is 290.

"I actually prefer a roast-beef sandwich to tuna salad -- and it turns out the tuna has almost twice the calories," says New York City Health Commissioner Thomas R. Frieden, who spearheaded the new law. On July 19, the city started fining restaurants that don't comply.

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SEE AN INTERACTIVE GRAPHIC



Filed 07/31/2008



Have It Your Way

Embellishments like mayonnaise, parmesan coating, honey glaze, cheese, sour cream and guacamole add up fast -- which is why fajitas often weigh in at over 1,000 calories. Some restaurants list calories for individual ingredients so you can pick and choose. (Toppings for the Make Your Own Flatbread Pizza at Così range from three calories for spinach to 23 for Asiago cheese.) Others just list a frustratingly wide range. Chipotle's burritos run from 420 to 918 calories, and salads from 155 to 823, depending on what you put in them.

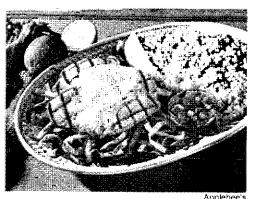
You Gonna Finish That?

The massive calorie counts on some dishes accompany massive portions, which is part of the business model at some restaurants. "The incremental cost of upping the amount of food is very low compared with what consumers will pay," says Kelly Brownell, director of the Rudd Center for Food Policy and Obesity at Yale University. You can fight back by sharing that 1,500-calorie salad or taking half home. You can also make it your big meal of the day.

Lightening Up

Some restaurants have had their own sticker shock and started offering lighter options. Così had a nutritionist look for ways to save on every item. Switching to low-fat mayo brought the Così Club from nearly 800 calories to 447. Così's popular Signature Salad (with gorgonzola, grapes, pears, pistachios, dried cranberries and roasted sherry shallot vinaigrette) goes from 611 calories to 371 with reduced-fat dressing and half the cheese. "Having to post this information in New York really focused us on paying attention as well," says Chris Carroll, the chain's chief marketing officer.

Friday's, Applebee's, Uno's--even Taco Bell--have singled out menu offerings that are low fat, low carb, low cal or smaller sized. ("Smaller portions leave more room



Applebee's Fiesta Lime Chicken with Mexi-ranch dressing has 1,290 calories.

for appetizers, desserts and, of course, Margaritas!" notes Friday's Right Portion, Right Price menu.)

Starbucks has also cut, on average, 5% of the calories and 15% of the fat from its pastry items and 14% of the calories and 36% of the fat from its drinks in recent years and plans to introduce new, healthier menu items this fall. "We've been hearing from customers all over the country that they are looking for healthy options," says Stacey Krum, a spokeswoman. "They may still want an indulgent treat, but they want to make an informed decision."

Calorie-conscious diners outside New York can get help from Healthy Dining, a San Diego-based program that works with restaurants to develop healthy offerings, thanks in part to a grant from the Centers for Disease Control and Prevention. Its Web site, Healthy Dining Finder.com², lists 55,000 locations that have at least four meals less than 750 calories and 25 grams of fat, though some require a special request to hold a fattening ingredient.

"A lot of restaurants use a lot of butter or oil in the preparation. Cutting that by half usually doesn't change the taste or the consistency but it dramatically changes the calories and fat," says Healthy Dining Program's president Anita Jones-Mueller. "Some restaurants are really embracing this and creating exciting new items," she adds. "And others are kind of waiting to see if it goes away."

YOUR QUESTIONS ANSWERED



Columnist Melinda Beck answers readers' questions⁴ about when it's safe to sit in the sun, the role of vitamin

D in health, how to nurse a crying baby without resorting to drugs, and more.

That doesn't seem likely. Even though the New York State Restaurant Association is appealing the city's law, other cities are following its lead. Starting next year, chain restaurants in Seattle will have to post not only calories, but also saturated fat, sodium and carbohydrates on menus. Similar laws are pending in San Francisco and have been proposed in other states and cities. In the meantime, determined dieters elsewhere can find calorie counts posted under nutrition information on some restaurant's Web sites. Sites like www.chowbaby.com⁵, www.thedailyplate.com⁶ and www.calorie-count.com⁷ have unauthorized calorie counts for restaurants, as do fan sites like Chipotlelovers.com⁸.

Will posting calories prominently really make Americans think twice and order more healthy items? "Anecdotally, you hear constantly about people who've changed their choices," say Commissioner Frieden. "You go into fast-food places and you hear a lot of buzz online."

Elisabetta Politi, director of nutrition at the Duke Diet & Fitness Center, isn't so sure. "Some of our clients know so much about nutrition they could teach the classes, but does that help them control their weight? Absolutely not," she says.

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EXHIBIT 5

RESEARCH AND PRACTICE

Purchasing Behavior and Calorie Information at Fast-Food Chains in New York City, 2007

Mary T. Bassett, MD, MPH, Tamara Dumanovsky, PhD, Christina Huang, MPH, Lynn D. Silver, MD, MPH, Candace Young, MS, Cathy Nonas, MS, Thomas D. Matte, MD, MPH, Sekai Chideya, MD, MPH, and Thomas R. Frieden, MD, MPH

We surveyed 731B customers from 275 randomly selected restaurants of 11 fast food chains. Participants purchased a mean of 827 calories, with 34% purchasing 1000 calories or more. Unlike other chains, Subway posted calorie information at point of purchase and its patrons more often reported seeing calorie infomation than patrons of other chains (32% vs 4%; P<.001); Subway patrons who saw calorie information purchased 52 fewer calories than did other Subway patrons (P<.01). Fast-food chains should display calorie information prominently at point of purchase, where it can be seen and used to inform purchases. (Am J Public Health. 2008;98:1457-1459. doi: 10.2105/AJPH.2008.135020)

Rates of obesity and associated health complications are increasing rapidly in the United States. Fast food is typically calorie-dense. and frequent intake of fast food has been associated with increased calorie intake, weight gain, overweight, and obesity.1-5 Despite this, fast-food restaurants are not required to provide nutritional information, and, at the time of this study, only 1 large fast-food restaurant chain in New York City (Subway) lists calorie information at the point of purchase. Various state and local governments, including New York City's, are considering requiring restaurants to post calorie information prominently. We conducted a large cross-sectional survey to characterize patrons' fast-food purchases and their observation and use of calorie information.

METHODS

Sampling Strategy

A roster of all licensed food service establishments is maintained by the Department of Health and Mental Hygiene. Licensed food service establishments that provided calorie information publicly as of March 1, 2007, (either posted on-site or on the Internet) were eligible for inclusion in the study. Chains that sell ice cream were excluded because the study was intended to examine calorie patterns in daily food and beverage purchases. After excluding ice cream chains, 13 chains composed almost 90% of all eligible restaurants; the sample was further limited to these chains. We randomly sampled a total of 300 chain restaurants from approximately 1625 eligible locations across the 5 boroughs of New York City. This sample included 11 fast-food chains and 2 coffee chains. Fast-food chains included Au Bon Pain, Burger King, Domino's, Kentucky Fried Chicken (KFC), McDonald's, Papa John's, Pizza Hut, Popeye's, Subway, Taco Bell, and Wendy's. Coffee chains included Dunkin' Donuts and Starbucks. Because of different purchasing patterns at the coffee chains, our analyses are limited to the 11 fast-food chains, which accounted for 1064 (65%) of the eligible sites and 185 (62%) of the sampled sites.

Data Collection

Data collection took place from 12:00 PM to 2:00 PM on weekdays from March 27 through June 8, 2007. The target for data collection was 50 receipts per site; each location was visited once. Three-person datacollection teams stationed in front of the sampled locations maintained a count of all patrons entering the restaurant in order to calculate a participation rate. Data-collection teams approached patrons as they entered the restaurant and asked customers 18 years or older to provide their register receipts and answer a brief questionnaire when exiting; a \$2 New York City MTA Metrocard (a public transportation pass good for 1 subway or bus ride) was offered as an incentive for participation. In addition, data-collection teams asked all exiting patrons to participate. Adult patrons who agreed to participate were asked,

(1) "Was this purchase just for you?" (2) "Can you tell me what you ordered today?" (3) "What extras, modifications, or condiments did you add?" (e.g., dressing, mayonnaise, toppings; "diet" or "regular" beverage), (4) "Did you see calorie information in the restaurant?" and, if yes, (5) "Did the information affect your purchase?" The survey was conducted in English; personal identifiers were not collected.

Data Analysis

All items listed on receipts were entered into a database. Calories were ascribed to each item using each chain's Web sitepublished calorie information as of March 1, 2007, and adjusted based on patrons' reports of extras or customizations for which calorie information was also available. Patrons not identifying the specific type or quantity of extra were assigned that category's lowest caloric value (e.g., a patron did not specify the type of salad dressing selected, therefore 1 serving of "vinaigrette" dressing was assigned because it had the fewest calories of all dressing options). We calculated the total calories per patron by aggregating calories across items purchased. Using total calories per patron, mean calories per purchase were calculated for each chain type and for the overall sample, as was the percentage of patrons purchasing 1000 calories or more or 1250 calories or more. One thousand calories was used as a benchmark because it represents 50% of the standard-reference 2000calorie diet; purchases were categorized in 250-calorie increments (750, 1000, 1250) to examine the overall distribution. SPSS version 15.0 Complex Samples module (SPSS Inc, Chicago, Illinois) was used for all statistical analyses. A 2-tailed t test (α <0.05) was used to test for differences in mean calories. For bivariate tables, the χ^2 test was used to obtain P values.

RESULTS

We excluded 18 (9.7%) of the 185 sampled sites: 7 were located in nonpublic spaces (e.g., airport, mall); 8 were closed; 2 shared names but not affiliations with sampled chains; 1 had noncooperative management; and 1 yielded

RESEARCH AND PRACTICE

TABLE 1—Sample Distribution, Mean Calories, and Percentage of Purchases With 1000 or More and 1250 or More Calories, by Fast-Food Chain Type and for Subway: New York City, 2007

	Sites, No.			Calories Purchased	
		Valid Receipts, No.	Calories, Mean (SE)	≥1000 Calories, %	≥ 1250 Calories, %
Chain type ^a					
8urgers	75	3857	856.8 (10.8)	38.6	16.5
Chicken	14	649	931.3 (20.7)	47.5	18.0
Pizza	17	272	765.8 (115.0)	20.6	15.1
Sandwiches	49	1989	733.6 (16.2)	20.0	8.8
Tex-Mex	3	96	899.7 (60.1)	41.7	17.7
Colocated chains ^b	9	455	860.9 (24.0)	35.6	16.9
Total	167	7318	827.4 (10.7)	33.5	14.5
Subway patrons only			()	00.0	14.5
Ali patrons	47	1830	749.2 (13.9)	21.3	9.4
Customer did not see posting ^c		1237	765.5** (16.6)	23.0	10.3*
Customer saw posting ^c		568	713.8** (15.5)	17.4	7.4*
Posting had effect on purchase ^c		200	646.9*** (19.4)	12.0*	4.0*
Posting had no effect on purchase ^c		341	745.8*** (17.0)	20.2*	9.1*

^aChain type definitions: 8urger – 8urger King, McDonald's, Wendy's; Chicken – Kentucky Fried Chicken (KFC), Popeye's; Pizza – Oomino's, Papa John's, Pizza Hut; Sandwiches – Au Bon Pain, Subway; Tex-Mex – Taco Bell; Colocated – KFC/Taco Bell, Pizza Hut/Taco Bell, KFC/Pizza Hut. 8urger King/Popeye's.

no valid receipts. From the remaining 167 sites, 7750 receipts and surveys were collected, of which 432 (5.6%) were excluded because the purchase was for someone other than the patron, the receipt was from a nonsampled fast-food chain, or the receipt listed 1 or more items with an undetermined caloric value. Because of logistical challenges, restaurant outlets with a high volume of customer traffic (>150 patrons during the survey period) had lower rates of survey participation (33.3%) than did lower-volume sites (60.2%); overall participation was 55.2%.

Patrons purchased a mean of 827 calories, with 34% purchasing 1000 calories or more, and 15% purchasing 1250 calories or more (Table 1). Chicken chain patrons purchased the most calories, and sandwich chain patrons purchased the fewest calories.

Reported Observation of Calorle information

Ninety-eight percent (7152 of 7318) of respondents answered the survey question assessing observation of calorie information. Excluding Subway patrons, only 4% of patrons reported seeing calorie information as currently provided. Subway patrons were much more likely to report seeing calorie information than were patrons of other chains (32% vs 4%; P<.001).

Among Subway patrons, those who reported seeing calorie information purchased 52 fewer calories than those reporting not seeing calorie information (mean calories: 714 vs 766; $P \le .01$), and fewer purchased higher-calorie meals (17% vs 23% purchased ≥ 1000 calories; P<.01; and 7% vs 10% purchased \geq 1250 calories; P < .05). Of Subway patrons who reported seeing calorie information, 37% reported that this information had an effect on their purchases. Those who reported seeing and using calorie information purchased 99 fewer calories than those who reported seeing the information and that it had no effect (mean calories: 647 vs 746; P<.001). These patrons were also less likely to purchase 1250 or more calories

(4% v. 9%; P<.03; Table 1). There was no significant difference in mean calories purchased by patrons reporting seeing but not using calorie information and patrons who reported not seeing calorie information (mean calories: 746 vs 766; P=.29).

DISCUSSION

Despite its public availability, the number of food service establishment patrons (excluding Subway patrons) who reported seeing calorie information was very low. This finding is consistent with previous studies.^{6,7} In comparison, Subway's placement of limited calorie information on deli cases near the registers, although not prominent, was associated with a much higher proportion of patrons seeing calorie information. Furthermore, over one third of these Subway patrons reported that this information affected their purchase. Objective measurement of calorie content through examination of receipts confirmed that patrons who reported seeing and using calorie information purchased fewer calories than did those reporting that they did not see or use calorie information.

The importance of providing calorie information is supported by the finding that patrons purchased foods with high-energy contents: one third of patrons purchased more than 1000 calories for a single meal. Caloric intake is rising in the United States in parallel with the obesity epidemic: between 1971 and 2000, Americans' average daily caloric intake increased approximately 200 to 300 calories. 1,8,9 Fast food, which represents approximately 74% of all restaurant traffic nationally (marketing research data; The NPD Group/CREST, written communication, October 2007), typically contains more calories per serving than does food prepared at home. 1,2,4

New York City and several other jurisdictions have considered requiring fast-food chains to post calorie information on their menus and menu boards. ¹⁰ In this study, which was limited to chains that made calorie information publicly available, few patrons (less than 5%) saw calorie information when it was provided only in less-prominent formats, such as charts on counter mats,

^bColocated chains refer to store locations with 2 or more chains sharing a retail space; receipts from these locations could include items from either or both chains.

Self-reported.

^{*}P<.05; **P<.01; ***P<.001.

RESEARCH AND PRACTICE

distant walls or posters, or on a Web site. The percentage was higher (32%) at Subway, which displayed information near the point of purchase. This suggests that displaying calorie information even more prominently, such as on menu boards, might increase the proportion of patrons seeing—and using—calorie information.

Our findings regarding the association of caloric content of purchases with observation of calorie information are subject to at least 3 limitations. First, Subway patrons might not be representative of all chain restaurant patrons: Subway patrons purchased fewer calories than did other chains' patrons. This could indicate that food available at Subway was lower in calories or that Subway patrons were more likely to purchase food with fewer calories than other chains' patrons. However, even when the analysis was restricted solely to Subway patrons, those seeing calorie information purchased fewer calories. Furthermore, Subway is the largest noncoffee fast-food chain in New York City, and its popularity suggests broad appeal; it is likely that if other chains were to make calorie information visible at point of purchase, patrons at these chains would be interested in and use calorie information to make healthier choices.

Second, it is possible that Subway patrons who reported seeing calorie information did so because they were more concerned about weight than were Subway patrons who reported not seeing calorie information. However, patrons who reported seeing but not using calorie information and patrons who reported not seeing calorie information purchased similar calories, indicating comparable purchasing patterns.

Third, study respondents may have differed from patrons choosing not to participate. However, data were collected over the busy lunch period, and the proportion of participants providing receipts varied primarily by consumer traffic volume, suggesting that individual patron factors were not major determinants of participation rates. Overall, this report's findings suggest that when fast-food chain patrons are provided calorie information prominently prior to purchase, many will see it and use it to reduce their caloric intake.

Given the frequency of fast food consumption, even modest reductions in calories (e.g., 50 calories per meal) could significantly reduce population-level caloric intake.11,12 However, the vast majority of patrons purchasing fast food do not have ready access to the information needed to make healthy decisions. In December 2006, the New York City Board of Health mandated posting calorie information on restaurant menus and menu boards. This mandate was legally challenged and overturned in September 2007. In January 2008, the New York City Board of Health approved a new mandate addressing the concerns raised by the legal ruling, to which there was again a challenge. The challenge was rejected by the courts, and an appeal has been made to a higher court.

The per-meal caloric content of fast-food purchases is high. Although fast-food restaurants report publishing nutritional information publicly, most chains' current methods of providing this information to patrons are ineffective. Placement of calorie information at point of purchase is more effective and may be associated with lower calorie purchases among consumers reporting seeing information. Public health authorities and restaurant establishments should consider interventions to make calorie information more prominently displayed at point of purchase to increase information, reduce calorie intake, and reduce obesity-related morbidity and mortality.

About the Authors

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Contributors

M. T. Bassett, T. Dumanovsky, L. D. Silver, C. Young, T. D. Matte, and T. R. Frieden were responsible for study concept and design. C. Huang supervised data collection, and analyzed and interpreted the data along with M. T. Bassett, T. Dumanovsky, S. Chideya, and T. R. Frieden. M. T. Bassett, T. Dumanovsky, and S. Chideya drafted the article. M. T. Bassett, L. D. Silver,

C. Nonas, and T.R. Frieden were responsible for reviewing the article for intellectual content. T.D. Matte provided statistical expertise. T. Dumanovsky and T.D. Matte supervised the study.

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Human Participant Protection

The study protocol was determined to be exempt by the institutional review board for the Department of Health and Mental Hygiene.

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